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Patent Office

Ottawa, Canada
K1A 0C9

(21)	(A1)	2,067,747
(22)		1990/10/24
(43)		1991/04/25

6,000,4/90

(51) INTL.CL.⁵ G06F-015/42

(19) (CA) APPLICATION FOR CANADIAN PATENT (12)

(54) System for Centralized Storage of Patient Related Data
Records Including Medical Notes and Tests Results and
for Scheduling Patient Related Services

(72) Garcia, Angela M. - U.S.A. ;

(73) Same as inventor

(30) (US) 426,113 1989/10/24

(57) 17 Claims

Notice: The specification contained herein as filed

Canada

CCA 3254 (10-09) 41

2067747



PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

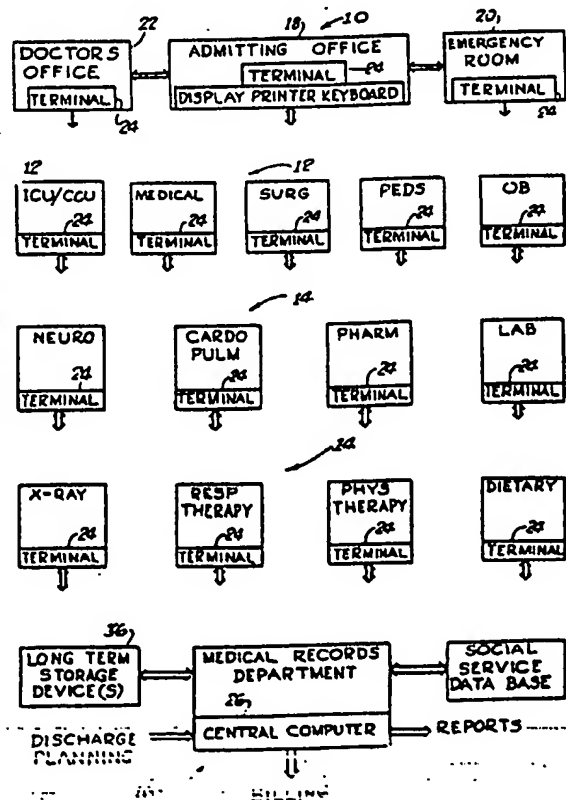
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵ : G06F 15/42	A1	(11) International Publication Number: WO 91/06917 (43) International Publication Date: 16 May 1991 (16.05.91)
(21) International Application Number: PCT/US90/06095 (22) International Filing Date: 24 October 1990 (24.10.90) (30) Priority data: 426,113 24 October 1989 (24.10.89) US (71)(72) Applicant and Inventor: GARCIA, Angela, M. [US/ US]; 21753 Town Place, Boca Raton, FL 33433 (US). (74) Agent: BARRON, Harry, W.; Law Office of Harry W. Bar- ron, 8221 Glades Road, Suite 202, Boca Raton, FL 33434 (US). (81) Designated States: AT (European patent), AU, BE (Euro- pean patent), CA, CH (European patent), DE (European patent), DK (European patent), ES (European patent), FR (European patent), GB (European patent), GR (Eu- ropean patent), IT (European patent), JP, LU (European patent), NL (European patent), SE (European patent).		Published With international search report.

(54) Title: SYSTEM FOR CENTRALIZED STORAGE OF PATIENT RELATED DATA RECORDS INCLUDING MEDICAL NOTES AND TEST RESULTS AND FOR SCHEDULING PATIENT RELATED SERVICES

(57) Abstract

A hospital computerized system (26) includes terminals (24) in all departments (12 and 14) for entering information pertinent to a patient's stay. The initial information entered includes the patient's history (28), admitting physician's physical examination results (3), and physician's orders for tests or hospital services to be performed. The system (26) prints a history and physical report for the patient's chart and highlights abnormal findings and complaints. The system (26) schedules and reschedules all hospital services for the patient on a priority basis, thereby eliminating this responsibility from the nurses and other hospital personnel, and avoids situations where the patient is scheduled to be in two places simultaneously. The system (26) receives and stores all test results and technician's, nurses, and doctor's notes and prints a summarized discharge planning document and a narrative discharge report for the chart, as well as a patient instruction document.



"SYSTEM FOR CENTRALIZED STORAGE OF PATIENT RELATED DATA RECORDS
INCLUDING MEDICAL NOTES AND TEST RESULTS AND FOR SCHEDULING
PATIENT RELATED SERVICES."

This invention relates to a hospital medical record maintenance, generation and scheduling system, and more particularly, to a computerized system located throughout the hospital facility for maintaining and generating required medical records for a hospitalized patient and for scheduling various tests, therapies and other hospital services for that patient.

In the past, record keeping for a hospitalized patient has been a major problem for the proper administration of a hospital and a major administrative drain on the time of the medical staff. A patient's chart, or file, is typically maintained at the nurse's station, which is in the area of the patient's hospital room. However, documents from various parts of the hospital, such as laboratory reports, physical therapist's reports, doctor's reports and the like are continually generated at locations throughout the hospital, or in other places remote from the hospital, and must be placed in this chart. The need for continual access to the chart places additional work on the hospital support staff, such as the nurses and technicians, who must either travel to the chart area, or telephone the nurses station for a report on information contained in the chart. Further, a substantial expenditure of money on the part of the hospital results because of the necessity of employing runners or messengers to physically carry the various reports to the nurses station for inclusion with the chart. These procedures can delay the placing of important documents in the patient's chart for review by physicians and nurses.

Another problem commonly present in most hospital systems is the scheduling of patients for various services performed by the hospital. Some services, such as physical therapy, respiratory therapy, X-rays and the like may only be able to handle one, or a few, patients at a time. Further, a patient can only be scheduled to be in one place at

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a time. In order to properly schedule patients, the technicians in the various service organizations and nurses on the patient floor are constantly communicating by telephone to set up appropriate schedules. This takes up valuable
5 time of the hospital personnel, which otherwise could be used for direct patient care. Furthermore, emergency situations often occur in a hospital, resulting in changes to the schedule to permit the emergency tests to be performed, thereby causing normally scheduled non-emergency tests to
10 either be rescheduled or causing the patient to wait for long periods of time at the service area. Again, this takes up additional time of the hospital support staff which could better be utilized in providing direct patient care.

15 In addition to the above, there are many other problems which reduce the time that scarce medical staff has available to provided direct patient care. For example, for every patient discharged from a hospital, a discharge summary must be prepared based on the patients hospital stay. Much of the information contained in the
20 discharge summary is contained in the patient's chart and needs to be summarized or abstracted before being placed in the discharge summary. In addition, physicians must dictate the discharge summary relating to the medical conclusions and future care of the patient. This results in additional physician time and inherent delays in the
25 preparation of the discharge summary, since, after being dictated by the physician, it must first be sent to a transcription service firm, which typically is at a location remote from the hospital, and then returned to the hospital for inclusion with the chart before the patient is discharged. A similar problem exists for the history and
30 physical reports, which are generated at the time the patient is admitted.

35 Most hospitals possess computer systems which are used for much of the administration within the hospital. For example, in most hospitals, computer systems provide

the bills for the patients. To generate a bill, substantial data, such as tests and services performed, must be entered into the computer in order for the bill to be generated. Because of the existence of computerized billing
5 utilized in most hospitals, computer terminals are typically positioned throughout the hospital in order to permit the data to be entered at the location that the charge is generated. For example, when laboratory tests are performed, the data is entered into the billing computer directly from the laboratory area so that the cost of the
10 test can be placed on the patient's bill. However, much of the same data may be hand carried to the patient's chart for review by the medical staff.

One could substantially increase the efficiency and
15 reduce the paper work in a modern hospital by more fully utilizing existing computer systems, or by installing supplemental systems, to relieve much of the administrative burdens placed on physicians and support staffs in the hospitals. For example, the maintenance of medical records
20 can be substantially simplified by utilizing computer technology. In addition, the scheduling of patients can be simplified using the computer technology. By combining functions, such as scheduling and chart report generation into single systems, considerable efficiencies and duplications are further eliminated. Since much of the information is already being entered into a computer system for
25 billing purposes, the incremental additional work is minimized. For example, one must now type in the various laboratory tests performed for billing; to additionally type in the test results would not require significant additional
30 effort. The benefit, of course, is that once the test results are entered into the system, anyone with access to a terminal and a password can see the results without physically going to the chart or without calling and disturbing a nurse. Further, as soon as the results are typed into
35 the system, they can be printed at the nurses' station and immediately be placed in the patient's chart.

The prior art discloses various computer systems which control portions of a hospital system, but nothing shows the entire integrated system as proposed herein. For example, reference is made to the following United States Patents which show various prior art hospital computerized systems: 3,872,448 in the name of Baker A. Mitchell, Jr. and entitled, "Hospital Data Processing System"; 4,135,241 in the name of Eugene A. Stanis et al and entitled, "Inventory Control, Bed Allocation and Accounting Data Handling System"; 4,315,309 in the name of Robert D. Coli and entitled, "Integrated Medical Test Data Storage and Retrieval System"; 4,491,725 in the name of Lawrence E. Pritchard and entitled, "Medical Insurance Verification and Processing System"; 4,591,974 in the name of Donald H. Dornbush et al. and entitled, "Information Recording And Retrieval System"; 4,658,357 in the name of Gary T. Carroll et al and entitled, "Time and Accounting System"; and 4,817,050 in the name of Kenichi Komatsu et al and entitled, "Database System".

In accordance with one aspect of this invention, there is provided a scheduling and reporting system for hospital patients comprising means for entering location data regarding each patient and physician orders for hospital services to be performed for each patient. Further, the system includes means for scheduling the ordered services for each patient and for reporting the schedule information to a common area in the vicinity of each patient's location. The system further includes means for recording and reporting the results of the services administered to each patient to the common area in the vicinity of each patient's location. Finally, the system includes means responsive to the recorded information for generating a discharge summary report for each patient at the conclusion of the hospitalization of such patient.

In accordance with another aspect of this invention, there is provided a method of scheduling patient services and recording patient data for a hospitalized patient

comprises the steps of recording and location for each patient, and recording physician orders for services to be performed upon each patient. Additionally, the method includes the steps of automatically scheduling the services for each patient, recording the results of the performance of such services and providing the discharge summary record for each patient.

One preferred embodiment of the subject invention is hereafter described with specific reference being made to the following figure, in which:

Figure 1 shows a block diagram of the improved medical records and scheduling computer system;

Figure 2 illustrates a form a patient may use to provide medical history information for entrance into the computer system of the subject information; and

Figure 3 illustrates a form a physician may use in providing information relating to a physical examination for entrance into the computer system of the subject information.

Referring now to Figure 1, a diagram illustrating the various areas of a hospital which would use the subject invention is shown. These various areas include the admitting area 10, the nurses' stations 12, the various hospital service departments 14 and the medical record's department 16. Within each of these areas 10, 12, 14 and 16, many sub-areas, to be specified hereafter, are included. Typically, each individual area or sub-area of a hospital operates independent of other areas or sub-areas; however, each area or sub-area must constantly communicate with certain other areas or sub-areas to make information generally available. One purpose of the present invention is to facilitate orderly, efficient and rapid communication among the various areas of the hospital and to provide such information with minimal human intervention between the various areas and sub-areas, as necessary.

Referring specifically to the admitting area 10, the one portion of the hospital that every patient associates is the admitting office 18. A patient may be admitted to a hospital, through admitting office 18, either through the emergency room 20 or by direct admittance from a doctor's office 22. Normally, some sort of a medical history, physical examination results and physician orders are sent to admitting office 18 by the admitting physician. At the admitting office, a patient's chart is initially set-up and the patient is assigned to a particular bed location in the hospital. Reports of the initial physical examination and patient history, as well as the physician's orders are then placed in the chart. Other documents, such as prior hospital discharge reports may also be placed in the chart.

When using the subject invention, the bed location and other pertinent patient data (name, address, age, sex, etc.) of the patient and the physician admitting orders and history and physical information are entered into terminal 24. This information is transmitted to and stored in main computer 26 in the medical records department 16 and may be accessed by any of the other terminals 24 shown in Figure 1. Of course, the information may be subject to password or other security procedures, which procedures are well known in the art.

The history and physical information may be derived from an emergency room physician's examination of a patient brought into emergency room 20 and may be entered from the terminal 24 in either the admitting office or the emergency room 20. Alternatively, the history and physical information may have been generated earlier during an examination at doctor's office 22 and may be entered from a terminal 24 contained in the doctor's office 22 directly to the admitting office and to computer 26. In such case, the patient may be pre-admitted and go directly to an assigned room without visiting the admitting office 18, or with only a short visit to the admitting office 18.

One time saving technique for entering the history and physical information utilizes a program in which all normal components of a patient's history and physical examination are pre-programmed. Such a program permits the physician to merely recite abnormal findings by dictating or checking a form for later data entry of the abnormalities. A form 28, of a type which may be completed by the patient, with or without assistance from a nurse or other member of the physician's staff, is shown in Figure 2. A form 30, of a type which may be used by the physician for providing the information results of a physical examination, is shown in Figure 3. Alternatively, the physician may use form 30, shown in Figure 3, as a guide in dictating a physical examination report and need only dictate the abnormal findings. As seen in both Figures 2 and 3, both forms 28 and 30 list many possible problems which could be associated with a particular patient. To use the forms 28 and 30, only the abnormal blocks need be checked. When the data is entered into the terminal 24, the screen prompting the data entry operator will be organized similar to the various sections of the forms 28 and 30 and the information on the forms 28 and 30 is thereby easily entered through terminal 24 into computer 26 of the system shown in Figure 1. An example of the entire forms 28 and 30 is shown in Appendix I and Appendix II hereto, respectively.

As seen in Figure 2, the patient history portion of the required information is initially provided by the patient filling in the lines or checking the appropriate blocks of form 28. The blocks are organized by the various medical systems of the body. As seen from Figure 3, the physical examination form 30, as well as the program of computer 26, segregate each various part of the body, so that a physician may indicate by a checkmark or by dictation, that a particular part of the body has no medical problems. This is indicated by the WNL (within normal limits) block. Alternatively, where particular medical problems are found during the physical examination, that prob-

lem is manifested by either circling a system, followed by a comment to be filled in the blank on the form. Alternatively, the physician may dictate the abnormal results of the examination by simply referring to form 30 as a guide.

- 5 Form 30 further includes a block labeled "DEFERRED" which may be checked if no examination of that particular body system was made, or if a referral to another physician is necessary.

- 10 From the information provided using the forms 28 and 30 in Figures 2 and 3, a history and physical report meeting the requirements of the Joint Commission For Accreditation Of Healthcare Organizations can be prepared by computer 26, setting forth the entire physical condition of the patient including both normals and abnormalities. The
15 output device, such as the printer or screen monitor, or both, is programmed to print or display the abnormalities in bold, underlined or italics text for easy scanning by other physicians and medical service personnel. The history and physical report includes both the patient's past
20 medical history, which is typically generated by the patient, and the results of a physical examination. In either case, it is necessary to only enter the abnormalities because the normals are pre-programmed within the system.

- Where a patient has completed the General section
25 32 of form 28 shown in Figure 2 by checking the Fever, Chills and Night Sweats blocks under the General system block 32, the history and physical report may include a clause under the heading Clinical History, as follows:
30 "General: The patient complains of fever, chills and night sweats. The patient reports no weakness, fatigue nor fainting." The report may contain the following sentence under the heading Physical Examination, where the physician has checked, or dictated, for the General block 34 as seen in Figure 3, that the patient is a 50 year old White Female.
35 male, that is malnourished. "General: The general examination reveals this 50 year-old white female is well developed, is malnourished, alert, does not appear acutely ill

and is cooperative." It should be noted that in the narrative transcript report, the portions checked or completed are printed in a bold print and the items left blank are printed in normal print. This makes a review of the report easier for those wishing to scan for only medical problems.

Once the patient has been admitted through admitting office 18 and the chart has been prepared, the physician's order document and the history and physical examination report are inserted into the chart. Then, both the patient and chart are transferred to the assigned bed location. If the patient had previously been hospitalized and the subject system had been in use, the past discharge summary could also be retrieved from long term storage device 36 and reprinted for inclusion in the chart. This will be described in more detail hereafter.

Every bed location in a hospital is in a defined type of patient areas, typically a floor, wing, etc. For example, typical floors, wings, or patient areas of a hospital include the ICU/CCU area for critically ill patients, the medical area for patients undergoing diagnostic testing or recovering from illnesses, the surgical area for pre-operative and post-operative patients, the pediatrics area for children and the obstetrics area for obstetric's patients. Of course, different hospitals may have different or additional patient areas. Within each of the various patient areas of a hospital, a central nurses' station is typically present and such nurses' stations are shown in Figure 1 in nurses' station block 12. Located at each of the nurses' stations 12 is a terminal 24, which includes a keyboard, screen display and printer device.

When the patient is transferred to the bed in one of the nurses' station 12 areas of the hospital, the chart is physically stored at the central nurses station. New documents are to be placed into the chart as they are received on the printer associated with terminal 24 at the particular nurses' station. In addition, nurse's initial assessments, patient readings, such as blood pressure, tem-

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perature, fluid intake and output etc., and other similar information may be entered and printed through the nurse's station terminal 24. This permits the information to be stored in the central computer 26 and exist in the patient's chart. In addition, the information that is entered through one of the terminals 24 is stored in central computer 26, as well as being printed on the printer at the nurses' station for inclusion in the paper chart. As will be discussed hereafter, the information printed on the nurses' station printer may also be entered at various other locations in the hospital.

At the time the physician's orders were entered in admitting office 10, the information was stored in central computer 26. Typical of the physician's orders would be the performance of certain tests, such as laboratory tests, X-rays, neurology tests and the like, and the provision of certain therapies for the patient, such as physical therapy, respiratory therapy and the like. Additionally, the physician may order certain medication for the patient from the hospital pharmacy or special diets for the patient from the hospital dietary department. The information entered from the physician order is stored in computer 26 and transferred to the appropriate hospital service departments 14, where it is printed or displayed on the terminal 24 at such department. As an example, the various departments in a hospital may be the Neurological (NEURO) department, the Cardio-Pulmonary (CARDIO PULM.) department, the pharmacy (PHARM) department, the Laboratory (LAB) department, the Radiology (X-RAY) department, the Respiratory Therapy (RESP. THERAPY) department, the Physical Therapy (PHYS. THERAPY) department, and the kitchen (DIETARY) department.

For the hospital departments 14 giving tests or providing therapy services, it is not sufficient to merely advise each of the departments 14 of the fact a test is to be performed or that a certain therapy is to be given. Many tests or therapies are available to one, or a limited number of patients at a time. Further, a patient can only

be at one place at any given time. For example, certain X-ray tests are only available for one patient at a time and it is necessary to schedule the patients to fully utilize the X-ray equipment, while at the same time not delaying for unacceptably long periods the time required to perform the X-ray. Thus, it is desirable that computer 26 schedule the time each test and therapy is to occur for the entire hospital.

At the time the physician order is entered through terminal 24 at the admitting office 18, the tests requested may be designated in a priority manner. For example, the physician may determine that the test should be performed STAT, indicating immediately, ASAP (as soon as possible), indicating that same day, or Routine, indicating during the next available time slot. Where a high priority test is ordered, computer 26 may have to reschedule previously scheduled tests. This is easily accomplished by a conventional scheduling program and by printing or displaying the rescheduled times at both the department terminal 24 and the nurses' station terminal 24. As the tests and therapies are completed, the schedule may be revised to minimize patient waiting where the department is behind schedule, or to minimize technician waiting if a department is ahead of schedule.

After tests are completed, the test result information is transmitted by the testing department to computer 26 and computer 26 causes the information to be printed on the printers at the appropriate nurses's station 12 closest to the patient's location. The test results may include raw test results, such as blood test results, or may include interpretations made by a physician, such as in the case of an X-ray or EKG reading. Again appropriate forms to be completed, or to serve as dictation guides, similar to forms 28 and 30 in Figures 2 and 3, may be used by the physicians interpreting the test results. Once the test results are printed at the nurses' station, the printed paper is placed in the patient's chart. Since the test results

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or interpretations are also stored in central computer 26, the attending physician, or a consulting physician, is able to review the results from their own terminal 24 without having to go to the hospital. When the test results are entered, computer 26 further causes appropriate billing for the tests performed. By using the same system that schedules and reports test results to derive billing information, duplicate billing and non-billing situations can be reduced.

10 In addition to utilizing the nurses station terminals 24 for displaying the scheduled information, the nurses initial histories and daily patient information, such as blood pressure, heart rate, temperature, respiratory rate and fluid intake and output can be recorded and stored in
15 computer 26. Each of the patient information entries may be reported back to nurses station 24 or, as will be explained hereafter, printed in a discharge summary in the form of graphs or in an abstracted form as determined by the program for computer 26. In addition, the information
20 may be printed at the nurses' station terminals 24 for inclusion in the patient's paper chart for referral by physicians or other medical personnel. Since the same information will be stored by computer 26, it may also be reviewed by a physician having access to a terminal in his office
25 without having to come to the hospital.

Each of the various hospital service departments receive instructions and/or provide results or comments to terminals 24 associated in their area. Further, billing information is normally taken from the provision of the
30 results or comments indicating that the ordered service has been completed. For some services, only test results are reported. For other services, comments of a therapist or physician are reported. In all instances, the reported information is stored in the memory of computer 26 and
35 printed at the nurses' station for inclusion in the patient's chart. In addition, additional physician generated information may be entered from a terminal 24 and stored in

computer 26, particularly where new patient ailments or a change in treatment occur. Also, medical findings may be entered and stored in computer 26.

5 The above described sequence of scheduling and data reporting continues for the duration of the patient's stay in the hospital. When the patient is to be discharged from the hospital, a discharge summary report must be prepared, which meets the requirements of the Joint Commission For Accreditation Of Healthcare Organizations. Portions of the
10 discharge summary report include items dictated by the physician or entered by completing the Discharge Planning form attached hereto as Appendix III. In addition, other portions include a summary, or abstracting, of the test result data, the treatments, new complaints and the like.

15 In preparing the Discharge Summary report, computer 26 prepares the Discharge Planning document (Appendix III) for completion by the physician. The Discharge Planning document is based upon the initial patient complaints and abnormal findings entered at the admitting office 18, as
20 supplemented by additional patient ailments and abnormal physical findings entered during the patient's stay in the hospital. The Discharge Planning document is generally requested by the attending physician the day prior to anticipated discharge and is completed so that the proper
25 discharge documents may be prepared in time for the patient's discharge the next morning. The Discharge Planning document is in a form which first lists each diagnoses listed on the Physical Examination Report (Figure 3 and Appendix II) entered as part of the admitting procedure, as
30 supplemented by additional diagnoses made during the hospital stay and entered as physician's comments. Next, a section for a discharge diagnoses is provided for completion by the physician.

35 Thereafter, the Discharge Planning document lists the various patient complaints and includes an area for the physician completing the Discharge Planning document to check whether the complaint was stable, improved spontane-

ously, resolved spontaneously, improved with treatment or resolved with treatment. In addition, a block labeled "Other", together with an associated space, is provided. For complaints which changed, or were resolved, with treatment, a space is provided for physician's comments. Next a similar section is provided based upon the physical examination abnormal findings entered originally, or as supplemented during the hospitalization.

Finally, a summary and abstraction of the various department 14 reports is provided. These may include the admission, or first, reading, discharge, or last, reading and the hospital course reading. The hospital course reading is a reading between admission and discharge and may typically be the highest, or most abnormal reading. If all interim readings were normal, the hospital course reading may be left blank. Of course, some services may not have been utilized during the hospitalization and will be blank, or there may only be one or two readings. In addition, a place is provided for the physician completing the Discharge Planning document to indicate that a particular section is non-contributory and should be left out of the discharge summary report.

The Discharge Planning document concludes with a prognosis section, a discharge instruction section and a disposition section, all of which are to be completed by the attending physician. The disposition section is used to indicate whether the patient is to be allowed to go home, to a nursing home, a rehab center, or the like. If the patient is to go to a nursing home, rehab center or the like, a social service module of the program of computer 18 includes a database for determining whether such a facility is available for that patient. If not, the final Discharge Report may be delayed. Alternatively, the disposition may indicate that the patient is referred to another physician, generally a specialist for the ailment determined during hospitalization.

Once the Discharge Planning Document is completed by the physician, a Discharge Summary document is prepared in narrative form, with the abnormal results highlighted, such as being printed in bold. In addition, Discharge In-
5 structions in layman's terms are prepared and handed to the patient upon discharge. Of course, the patient's final bill is provided at the same time.

In case the patient ever returns to the hospital, it would be advantageous to be able to recall the signifi-
10 cant events of the prior hospital stay. In order to provide this information, the discharge summary, and other pertinent information may be stored in a long term storage device 36, such as a laser disk memory. In such a system, multiple disks may be necessary and will be typically orga-
15 nized based upon a period of time. Each patient entry may be cataloged by patient name and/or social security number, for example, and a master database, sortable by patient name and/or social security number, should be maintained for the multiple disks, so that the next time the patient
20 enters the hospital, the pertinent information may be retrieved, reprinted and placed in the patient's chart. At most, one disk per hospitalization will have to be loaded into storage device 36 and the patient's past hospitaliza-
25 tion history can be quickly retrieved. In other words, it is no longer necessary to go to the warehouse and retrieve the paper chart from storage to see the pertinent events of the prior hospital stay.

From the above description, it is seen that the same information is used for many different aspects of the
30 required records management requirements for patient care. Further, the computer system is programmed to abstract certain information and ignore other information based upon the normality or abnormality of the results, thereby making the task of the medical personnel easier and freeing time
35 for patient care.

While the subject computerized hospital system has been described as a series of remote terminals 24 communicating with a central computer 26, the system may be set up as one or more local area networks, or a combination of such systems.

CLINICAL HISTORY Page 1Admn. Date: _____ Admn. Time: _____
Admn. #: _____ Med Surg Direct ER**1 IDENTIFICATION** This confidential history will be part of your permanent records.Name _____ First _____ Middle _____ Sex: M F Date of Birth _____
Physician _____ Social Security # _____ Date _____**2 CHIEF COMPLAINT** State your main complaint. Example: Pain in abdomen for 7 months.

Symptom _____ Location _____ Duration _____

3 PRESENT ILLNESS Give a complete description of your illness.Date of first symptoms: ____/____/____ Recently, symptoms have been: ☐ More Frequent ☐ More Intense ☐ Continuous
☐ Less Frequent ☐ Less Intense ☐ Periodic
How did symptom(s) start: _____
How did symptom(s) progress: _____
What brings it on: _____ What relieves it: _____
What makes it worse: _____ Associated symptoms: _____

MEDICATIONS	DOSAGE	FREQUENCY	If #2 above is pain, check the one(s) that best describe it.		
			<input type="checkbox"/> Severe	<input type="checkbox"/> Burning	<input type="checkbox"/> Sharp
			<input type="checkbox"/> Moderate	<input type="checkbox"/> Needle-like	<input type="checkbox"/> Dull
			<input type="checkbox"/> Mild	<input type="checkbox"/> Stabbing	<input type="checkbox"/> Gnawing
			<input type="checkbox"/> Continuous	<input type="checkbox"/> Cramping	<input type="checkbox"/> Sudden
			<input type="checkbox"/> Periodic	<input type="checkbox"/> Deep	<input type="checkbox"/> Gradual
			<input type="checkbox"/> Intermittent	<input type="checkbox"/> Superficial	<input type="checkbox"/> Shifting

4 REVIEW OF SYSTEMS Check only the ones you NOW have or have had RECENTLY.

GENERAL <input type="checkbox"/> Weakness <input type="checkbox"/> Fatigue <input type="checkbox"/> Fever <input type="checkbox"/> Chills <input type="checkbox"/> Night Sweats <input type="checkbox"/> Fainting	SKIN <input type="checkbox"/> Color Changes <input type="checkbox"/> Nail Changes <input type="checkbox"/> Hair Changes <input type="checkbox"/> Moles <input type="checkbox"/> Rashes <input type="checkbox"/> Itching <input type="checkbox"/> Sores <input type="checkbox"/> Dryness	HEAD <input type="checkbox"/> Headaches <input type="checkbox"/> Injuries <input type="checkbox"/> Bumps <input type="checkbox"/> Last Eye Exam <input type="checkbox"/> Glasses <input type="checkbox"/> Contacts <input type="checkbox"/> Cataracts	EYES <input type="checkbox"/> Blurred Vision <input type="checkbox"/> Glaucoma <input type="checkbox"/> Redness <input type="checkbox"/> Itching <input type="checkbox"/> Burning <input type="checkbox"/> Swelling <input type="checkbox"/> Pain <input type="checkbox"/> Dryness <input type="checkbox"/> Tearing	EARS <input type="checkbox"/> Hard of Hearing <input type="checkbox"/> Deafness <input type="checkbox"/> Ringing <input type="checkbox"/> Discharge <input type="checkbox"/> Earache <input type="checkbox"/> Itching <input type="checkbox"/> Loss of Balance <input type="checkbox"/> Dizziness <input type="checkbox"/> Room Spins	NOSE <input type="checkbox"/> Decreased Smell <input type="checkbox"/> Bleeding <input type="checkbox"/> Pain <input type="checkbox"/> Discharge <input type="checkbox"/> Obstruction <input type="checkbox"/> Post Nasal Drip <input type="checkbox"/> Deviated Septum <input type="checkbox"/> Runny Nose <input type="checkbox"/> Sinus Congestion	MOUTH <input type="checkbox"/> Bleeding Gums <input type="checkbox"/> Sores <input type="checkbox"/> Dental Problems <input type="checkbox"/> Pain <input type="checkbox"/> Bad Breath <input type="checkbox"/> Loss of Taste <input type="checkbox"/> Dry Mouth <input type="checkbox"/> Ulcers <input type="checkbox"/> Blisters	THROAT <input type="checkbox"/> Soreness <input type="checkbox"/> Bad Tonsils <input type="checkbox"/> Hoarseness <input type="checkbox"/> Pain <input type="checkbox"/> Trouble Swallowing <input type="checkbox"/> Recurrent Infections					
NECK <input type="checkbox"/> Neck Enlargement <input type="checkbox"/> Stiff Neck <input type="checkbox"/> Soreness <input type="checkbox"/> Lumps <input type="checkbox"/> Masses	BREASTS <input type="checkbox"/> Discharge <input type="checkbox"/> Lumps <input type="checkbox"/> Pain <input type="checkbox"/> Bleeding <input type="checkbox"/> Nipple Changes <input type="checkbox"/> Skin Changes <input type="checkbox"/> Bloatedness	LUNGS <input type="checkbox"/> Cough <input type="checkbox"/> Phlegm <input type="checkbox"/> Blood <input type="checkbox"/> Short of Breath <input type="checkbox"/> Wheezing <input type="checkbox"/> Pain <input type="checkbox"/> Congestion <input type="checkbox"/> Inhalant Exposure	HEART <input type="checkbox"/> Murmur <input type="checkbox"/> Palpitations <input type="checkbox"/> Rapid Heartbeat <input type="checkbox"/> Swollen Extremities <input type="checkbox"/> Cold Extremities <input type="checkbox"/> Chest Pain/Pressure <input type="checkbox"/> Varicose Veins <input type="checkbox"/> Blood Clots <input type="checkbox"/> Blue Extremities	BLOOD <input type="checkbox"/> Anemia <input type="checkbox"/> Low Blood Iron <input type="checkbox"/> Easy Bruising <input type="checkbox"/> Easy Bleeding <input type="checkbox"/> Swollen Nodes <input type="checkbox"/> Painful Nodes <input type="checkbox"/> Sugar in Blood <input type="checkbox"/> Red Spots	GASTROINTESTINAL <input type="checkbox"/> Abdominal Pain <input type="checkbox"/> Nausea <input type="checkbox"/> Vomiting <input type="checkbox"/> Bloating <input type="checkbox"/> Belching <input type="checkbox"/> Heartburn <input type="checkbox"/> Indigestion <input type="checkbox"/> Irregular Bowel Habits <input type="checkbox"/> Constipation	DIARRHEA <input type="checkbox"/> Diarrhea <input type="checkbox"/> Gas <input type="checkbox"/> Hemorrhoids <input type="checkbox"/> Hernias <input type="checkbox"/> Poor Appetite <input type="checkbox"/> Food Intolerance <input type="checkbox"/> Bloody Stools <input type="checkbox"/> Black Stools						
GENITOURINARY <input type="checkbox"/> Urgency <input type="checkbox"/> Incontinence <input type="checkbox"/> Straining <input type="checkbox"/> Back Pain <input type="checkbox"/> Frequent Voiding <input type="checkbox"/> Stones <input type="checkbox"/> Burning <input type="checkbox"/> Bad Wetting <input type="checkbox"/> Bloody Urine		<input type="checkbox"/> Small Stream <input type="checkbox"/> Discharge <input type="checkbox"/> Sores <input type="checkbox"/> Impotence <input type="checkbox"/> Dribbling <input type="checkbox"/> Cloudy Urine	GYNECOLOGICAL <input type="checkbox"/> Spotting Between Periods <input type="checkbox"/> Menstrual Cramps <input type="checkbox"/> Spotting After Menopause <input type="checkbox"/> Discharge <input type="checkbox"/> Itching <input type="checkbox"/> Painful Intercourse <input type="checkbox"/> Irregular Periods <input type="checkbox"/> Hot Flashes <input type="checkbox"/> Pain Between Periods Contraception - Type _____ Age at first period _____ Age at menopause _____ Duration of cycle _____ No. of pregnancies _____ No. of births _____ No. of miscarriages _____ No. of abortions _____				MENSTRUAL FLOW: <input type="checkbox"/> Heavy <input type="checkbox"/> Moderate <input type="checkbox"/> Light Last Period: ____/____/____ Last Pap Smear: ____/____/____ Last Mammogram: ____/____/____					
MUSCULOSKELETAL <input type="checkbox"/> Muscle Pain <input type="checkbox"/> Muscle Weakness <input type="checkbox"/> Muscle Cramps <input type="checkbox"/> Muscle Twitching <input type="checkbox"/> Joint Stiffness <input type="checkbox"/> Joint Pain <input type="checkbox"/> Joint Swelling <input type="checkbox"/> Joint Deformities		<input type="checkbox"/> Injuries <input type="checkbox"/> Tenderness <input type="checkbox"/> Curvature of Spine <input type="checkbox"/> Back Pain <input type="checkbox"/> Hot Joints	NEUROLOGICAL <input type="checkbox"/> Seizures <input type="checkbox"/> Vertigo <input type="checkbox"/> Dizziness <input type="checkbox"/> Hand Trembling <input type="checkbox"/> Loss of Sensations <input type="checkbox"/> Incoordination <input type="checkbox"/> Loss of Facial Expressions		<input type="checkbox"/> Weak Grip <input type="checkbox"/> Paralysis <input type="checkbox"/> Difficulty of Speech <input type="checkbox"/> Tingling <input type="checkbox"/> Loss of Memory <input type="checkbox"/> Numbness		PSYCHIATRIC <input type="checkbox"/> Hyperventilation <input type="checkbox"/> Insecurity <input type="checkbox"/> Depression <input type="checkbox"/> Troubled Sleep <input type="checkbox"/> Irritable <input type="checkbox"/> Anxiousness <input type="checkbox"/> Undecidedness <input type="checkbox"/> Timid		<input type="checkbox"/> Hallucinations <input type="checkbox"/> Loss of Memory <input type="checkbox"/> Alcoholism <input type="checkbox"/> Drug Addiction <input type="checkbox"/> Drug Dependency <input type="checkbox"/> Suicidal Thoughts <input type="checkbox"/> Extreme Worry <input type="checkbox"/> Sexual Problems		ENDOCRINE <input type="checkbox"/> Weight Loss <input type="checkbox"/> Weight Gain <input type="checkbox"/> Hoarseness <input type="checkbox"/> Heat Intolerance <input type="checkbox"/> Cold Intolerance <input type="checkbox"/> Breast Changes <input type="checkbox"/> Hair Changes <input type="checkbox"/> Extreme Thirst <input type="checkbox"/> Voice Changes	

Appendix I (Page 1 of 2)

SUBSTITUTE SHEET

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5 PAST MEDICAL HISTORY									
Past general state of health:									
<input type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor						
<input type="checkbox"/> Hay Fever	<input type="checkbox"/> Skin Trouble	<input type="checkbox"/> Tuberculosis	<input type="checkbox"/> Hepatitis	<input type="checkbox"/> Gonorrhea	<input type="checkbox"/> Polio				
<input type="checkbox"/> Mumps	<input type="checkbox"/> Cataracts	<input type="checkbox"/> Heart Trouble	<input type="checkbox"/> Parasitis	<input type="checkbox"/> Hernia	<input type="checkbox"/> Mental Illness				
<input type="checkbox"/> Measles	<input type="checkbox"/> Tonsillitis	<input type="checkbox"/> Varicose Veins	<input type="checkbox"/> Dysentery	<input type="checkbox"/> Sexual Problems	<input type="checkbox"/> Alcoholism				
<input type="checkbox"/> Rheumatic Fever	<input type="checkbox"/> Sinusitis	<input type="checkbox"/> Phlebitis	<input type="checkbox"/> Colitis	<input type="checkbox"/> Prostate Problems	<input type="checkbox"/> Depression				
<input type="checkbox"/> Allergies	<input type="checkbox"/> Goiter	<input type="checkbox"/> Hypertension	<input type="checkbox"/> Polyps	<input type="checkbox"/> Hemorrhoids	<input type="checkbox"/> Nervous Breakdown				
<input type="checkbox"/> Anemia	<input type="checkbox"/> Breast Trouble	<input type="checkbox"/> Stroke	<input type="checkbox"/> Kidney Infections	<input type="checkbox"/> Atrial Fibrillation	<input type="checkbox"/> Others				
<input type="checkbox"/> Cancer	<input type="checkbox"/> Asthma	<input type="checkbox"/> Ulcers	<input type="checkbox"/> Kidney Stones	<input type="checkbox"/> Gout					
<input type="checkbox"/> Tumor	<input type="checkbox"/> Bronchitis	<input type="checkbox"/> Jaundice	<input type="checkbox"/> Bladder Trouble	<input type="checkbox"/> Migraines					
<input type="checkbox"/> Blood Disease	<input type="checkbox"/> Pleurisy	<input type="checkbox"/> Gallstones	<input type="checkbox"/> Diabetes	<input type="checkbox"/> Epilepsy					
<input type="checkbox"/> Leukemia	<input type="checkbox"/> Pneumonia	<input type="checkbox"/> Liver Trouble	<input type="checkbox"/> Syphilis	<input type="checkbox"/> Paralysis					

ILLNESSES • INJURIES • OPERATIONS	DATE	HOSPITAL	TREATMENT	PHYSICIAN

IMMUNIZATIONS/VACCINATIONS	BLOOD TYPE	BLOOD TRANSFUSIONS	LAST CHEST X-RAY	ALLERGIES
<input type="checkbox"/> DPT	<input type="checkbox"/> A + <input type="checkbox"/> A -	No. of Transfusions _____	Date _____	
<input type="checkbox"/> Mumps	<input type="checkbox"/> B + <input type="checkbox"/> B -	DATE(S) REASONS	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
<input type="checkbox"/> Smallpox	<input type="checkbox"/> AB + <input type="checkbox"/> AB -	/ /	LAST TB SKIN TEST	
<input type="checkbox"/> Typhoid	<input type="checkbox"/> O + <input type="checkbox"/> O -	/ /	Date _____	
<input type="checkbox"/> Tetanus	<input type="checkbox"/> Other _____	/ /	<input type="checkbox"/> Positive <input type="checkbox"/> Negative	

6. FAMILY HISTORY. List any of the diseases in Section 5 which run in your family.					
Blood Relatives Only	Age if Living	Age at Death	Cause of Death	State of Health	Diseases
Father					
Mother					
Brother(s)					
Sister(s)					
Maternal Grandfather					
Maternal Grandmother					
Paternal Grandfather					
Paternal Grandmother					

<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <h2 style="margin: 0;">7 SOCIAL HISTORY</h2> </div> <div style="margin-left: 10px;">check the boxes and fill in.</div>									
Current Weight		Usual Weight		Maximum Weight		Minimum Weight			
MENTAL WORK		PHYSICAL WORK		EXERCISE		SMOKING		ALCOHOL	
<input type="checkbox"/> Heavy <input type="checkbox"/> Moderate <input type="checkbox"/> Light No. of hours per day ____		<input type="checkbox"/> Heavy <input type="checkbox"/> Moderate <input type="checkbox"/> Light No. of hours per day ____		<input type="checkbox"/> Heavy <input type="checkbox"/> Moderate <input type="checkbox"/> Light Type(s) _____ No. of hours per week ____		<input type="checkbox"/> Current <input type="checkbox"/> Previous No. of packs per day ____ No. of years _____ Others _____		<input type="checkbox"/> Beer Amount/Week ____ <input type="checkbox"/> Liquor Amount/Week ____ <input type="checkbox"/> Wine Amount/Week ____ No. of years _____	
CAFFEINE (Coffee, Tea, Cola)		ASPIRINS		NUTRITION No. of portions per week				DRUGS No. of doses per week	
Cups per day ____ No. of years ____		No. per day ____ No. of years ____ Others ____		<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">Milk</div> <div style="width: 33%;">Fruits</div> <div style="width: 33%;">Beef</div> <div style="width: 33%;">Milk Products</div> <div style="width: 33%;">Breads</div> <div style="width: 33%;">Pork</div> <div style="width: 33%;">(Cheese, Butter)</div> <div style="width: 33%;">Cereal</div> <div style="width: 33%;">Chicken</div> <div style="width: 33%;">Eggs</div> <div style="width: 33%;">Fish</div> <div style="width: 33%;">Shellfish</div> <div style="width: 33%;">Vegetables</div> <div style="width: 33%;">Liver</div> <div style="width: 33%;">Sweets</div> </div>				<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">Vitamins</div> <div style="width: 33%;">Water Pills</div> <div style="width: 33%;">Saccharin</div> <div style="width: 33%;">Laxatives</div> <div style="width: 33%;">Sleeping Pills</div> <div style="width: 33%;">Others:</div> <div style="width: 33%;">Antacids</div> <div style="width: 33%;">Nerve Pills</div> <div style="width: 33%;">Potassium</div> <div style="width: 33%;">Diet Pills</div> <div style="width: 33%;">Pain Pills</div> <div style="width: 33%;">Nutrasweet</div> </div>	

Date Reviewed: 10/1/2011 Reviewed by:

SUBSTITUTE SHEET

PHYSICAL EXAMINATION Page 1

Admin. Date: _____ Admin. Time _____
 Admin. #: _____ Med. Surg. Direct ER _____

Vital Signs: BP _____ P _____ T _____ ° R _____ HT. _____ " WT. _____ Race _____

GENERAL DESCRIPTION

☐ WNL ☐ ABNORMAL FINDINGS (Circle and give abnormality) ☐ DEFERRED TO _____ ☐ OMIT SECTION

1. Development
2. Nourishment
3. State of Consciousness
4. Appearance, Attitude
5. Others

SKIN

☐ WNL ☐ ABNORMAL FINDINGS (Circle and give abnormality) ☐ DEFERRED TO _____ ☐ OMIT SECTION

1. Texture
2. Color
3. Elasticity
4. Hair
5. Nails
6. Rashes, Sores
7. Others

LYMPH NODES

☐ WNL ☐ ABNORMAL FINDINGS (Circle and give abnormality) ☐ DEFERRED TO _____ ☐ OMIT SECTION

1. Facial
2. Cervical
3. Supraclavicular
4. Epitrochlear
5. Axillary
6. Inguinal, Femoral
7. Others

EYES

☐ WNL ☐ ABNORMAL FINDINGS (Circle and give abnormality) ☐ DEFERRED TO _____ ☐ OMIT SECTION

1. Lids, Conjunctivae, Lac. Glands
2. Sclera, Cornea, Ant. Chamber
3. Pupillary Reflexes
4. Fundus
5. EOM, Nystagmus, Visual Acuity
6. Others

EARS, NOSE, THROAT

☐ WNL ☐ ABNORMAL FINDINGS (Circle and give abnormality) ☐ DEFERRED TO _____ ☐ OMIT SECTION

1. Ear Canals
2. Tympanic Membranes
3. Nasal Mucosa
4. Sinuses
5. Oral Mucosa, Saliv. Glands, Tongue
6. Tonsils, Pharynx, Gag Reflex
7. Others

HEAD AND NECK

☐ WNL ☐ ABNORMAL FINDINGS (Circle and give abnormality) ☐ DEFERRED TO _____ ☐ OMIT SECTION

1. Head
2. Neck
3. Trachea
4. Thyroid
5. Jugulars, Carotids, Bruits
6. Others

BREASTS

☐ WNL FEMALE: ☐ ABNORMAL FINDINGS (Circle and give abnormality) ☐ DEFERRED TO _____ ☐ OMIT SECTION

1. Size, Position
2. Nipples
3. Skin, Masses, Nodules
4. Pain, Tenderness
5. Others

☐ WNL MALE: ☐ ABNORMAL FINDINGS (Circle and give abnormality)

1. Gynecomastia, Pain, Tenderness, Masses
2. Others

RESPIRATORY

☐ WNL ☐ ABNORMAL FINDINGS (Circle and give abnormality) ☐ DEFERRED TO _____ ☐ OMIT SECTION

1. Bony Thorax
2. Expansion
3. Resp. Pattern, Rate
4. Percussion, Tactile Fremitus
5. Breath Sounds
6. Rales, Rhonchi, Wheezes, Rubs
7. Others

Appendix II (Page 1 of 2)

CHRISTIAN SHEET

CARDIOVASCULAR

<input type="checkbox"/> WNL	<input type="checkbox"/> ABNORMAL FINDINGS (Circle and give abnormality)	<input type="checkbox"/> DEFERRED TO _____	<input type="checkbox"/> OMIT SECTION
1. Precordium 2. Cardiac Size 3. Apex Beat, Thrills 4. Rhythm, Rate 5. Heart Sounds 6. Peripheral Pulses, Bruits 7. Murmurs, Gallops, Rubs, Clicks 8. Others			

ABDOMEN

<input type="checkbox"/> WNL	<input type="checkbox"/> ABNORMAL FINDINGS (Circle and give abnormality)	<input type="checkbox"/> DEFERRED TO _____	<input type="checkbox"/> OMIT SECTION
1. Scars, Herniations, Distention 2. Rigidity, Pain, Guarding 3. Liver, Gallbladder 4. Spleen 5. Abd. Aorta 6. Kidneys 7. Masses 8. Shifting Dullness, Fluid Wave 9. Bowel Sounds 10. Others			

GENITALIA

<input type="checkbox"/> WNL FEMALE:	<input type="checkbox"/> ABNORMAL FINDINGS (Circle and give abnormality)	<input type="checkbox"/> DEFERRED TO _____	<input type="checkbox"/> OMIT SECTION
1. Ext. Genitalia 2. Vagina, Cervix, Dryness 3. Uterus, Ovaries, Tubes 4. Masses, Discharge 5. Others			
<input type="checkbox"/> WNL MALE:	<input type="checkbox"/> ABNORMAL FINDINGS (Circle and give abnormality)		
1. Scrotum, Testes 2. Mastus, Penis 3. Hernias 4. Others			

RECTUM

<input type="checkbox"/> WNL	<input type="checkbox"/> ABNORMAL FINDINGS (Circle and give abnormality)	<input type="checkbox"/> DEFERRED TO _____	<input type="checkbox"/> OMIT SECTION
1. Sphincter 2. Hemorrhoids 3. Prostate (Men Only) 4. Fissures, Fistulas, Masses, Tenderness 5. Others			

BACK AND EXTREMITIES

<input type="checkbox"/> WNL	<input type="checkbox"/> ABNORMAL FINDINGS (Circle and give abnormality)	<input type="checkbox"/> DEFERRED TO _____	<input type="checkbox"/> OMIT SECTION
1. Spine 2. Extremities, ROM* 3. Edema, Cyanosis, Varices, Ulcerations 4. Others			

NEUROLOGICAL

<input type="checkbox"/> WNL	<input type="checkbox"/> ABNORMAL FINDINGS (Circle and give abnormality)	<input type="checkbox"/> DEFERRED TO _____	<input type="checkbox"/> OMIT SECTION
1. Mental Status 2. Cranial Nerves 3. Reflexes 4. Motor 5. Sensory 6. Others			

1. EOM - Extraocular Movements 2. ROM - Range of Motion

DIAGNOSES

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

RECOMMENDATIONS

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

OFFICE RECORDS

DATE

PHYSICIAN'S SIGNATURE

SUBSTITUTE SHEET

Name: Jane Admn. Date: 01/10
DOB: 11/03/07 Time: 12:00 AM
Age: 81 yrs., 5 mos. DC Date: / /
Race: White Time: : am/pm
Sex: Female Admn. #:
SS#: 221-06-3459 Admn. Type: Medical - Direct

DISCHARGE PLANNING

Admitting Physician(s): Harry

DIAGNOSES (Check if DC Dx exactly same as admitting Dx; edit existing Dx; or add new DC Dx.)

1. Admission: CHEST PAINS R/O MI VS. UNSTABLE ANGINA
Discharge: []
2. Admission: HTN
Discharge: []
3. Admission: ACUTE EXACERBATION OF CHF
Discharge: []
4. Admission: HISTORY OF RHEUMATIC FEVER
Discharge: []
5. Admission: HISTORY OF HYPERTENSION
Discharge: []

Discharge Diagnoses:

6. _____
7. _____
8. _____
9. _____
10. _____

HOSPITAL COURSE

COMPLAINTS (All unanswered complaints are omitted from narrative.)

S=stable, IS=Improved spontaneously, RS=resolved spontaneously, IT=Improved w/treatment, RT=resolved w/treatment

	S	IS	RS	IT	RT	Other
C.C.: pain in/on chest.....	[]	[]	[]	[]	[]	[]
General: weakness.....	[]	[]	[]	[]	[]	[]
fatigue.....	[]	[]	[]	[]	[]	[]
Skin: moles.....	[]	[]	[]	[]	[]	[]
Eyes: blurred vision.....	[]	[]	[]	[]	[]	[]
Ears: loss of balance.....	[]	[]	[]	[]	[]	[]
dizziness.....	[]	[]	[]	[]	[]	[]
Nose: runny nose.....	[]	[]	[]	[]	[]	[]
Neck: stiff neck.....	[]	[]	[]	[]	[]	[]
Lungs: shortness of breath.....	[]	[]	[]	[]	[]	[]
CV: palpitations.....	[]	[]	[]	[]	[]	[]
swollen extremities.....	[]	[]	[]	[]	[]	[]
chest pain or pressure.....	[]	[]	[]	[]	[]	[]
GI: nausea.....	[]	[]	[]	[]	[]	[]

(Cont.)

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DISCHARGE PLANNING

Name: Jane

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HOSPITAL COURSE (cont.)

LABS (List ONLY abnormal labs and their corresponding discharge values. Leave blank if WNL.)

CHEMISTRY [] Non-contributory (omit this section from narrative.)

	Glu	Na	K	Cl	CO2	BUN	Cr	UrAc	Ca	Phos	TP	Alb	Glob
Admission:													
Hosp. Course:													
Discharge:													

	Bili	Alk	LDH	SGOT	SGPT	Chl	Trig	Amy	Dig	T3	T4	FTI	TSH
Admission:													
Hosp. Course:													
Discharge:													

Others: _____

HEMATOLOGY [] Non-contributory (omit this section from narrative.)

	WBC	RBC	Hgb	Hct	MCV	PT	PTT	Plat	p	l	m	e	b
Admission:								K					
Hosp. Course:								K					
Discharge:								K					

(K=1000)

Others: _____

URINALYSIS [] Non-contributory (omit this section from narrative.)

	Leuk	Nitr	Urob	Prot	PH	Bld	SpGr	Keto	Bili	Glu	Micro
	(0-4)	(+/-)	(0-3)	(0-3)	(5-8.5)	(0-3)	(1-1.03)	(0-3)	(0-3)	(0-3)	
Admission:											
Hosp. Course:											
Discharge:											

Color: _____ Other: _____

Appendix III (Page 3 of 6)

SUBSTITUTE SHEET

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DISCHARGE PLANNING

Name: Jane

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HOSPITAL COURSE (cont.)

DIAGNOSTIC STUDIES (List ONLY abnormal studies and their corresponding discharge values. Leave blank if WNL.)

EKG ☐ Non-Contributory (Omit this section from narrative.)

	WNL	Abnormality
Admission:	<input type="checkbox"/>	_____
Hosp. Course:	<input type="checkbox"/>	_____
Discharge:	<input type="checkbox"/>	_____

CXR ☐ Non-Contributory (Omit this section from narrative.)

	WNL	Abnormality
Admission:	<input type="checkbox"/>	_____
Hosp. Course:	<input type="checkbox"/>	_____
Discharge:	<input type="checkbox"/>	_____

OTHER STUDIES (Leave blank if NONE.)

Exam	WNL	Abnormality
_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____

CONSULTATIONS (Leave blank if NONE.)

Name	Specialty	Recommendations
_____	_____	_____
_____	_____	_____
_____	_____	_____

SURGICAL PROCEDURES / SURGERY (Leave blank if NONE.)

Physician	Procedure	Comments/Complications
_____	_____	_____
_____	_____	_____
_____	_____	_____

PROGNOSIS ☐ Excellent ☐ Good ☐ Fair ☐ Poor
☐ Deceased: Date ___/___/___ Time ___:___

Appendix III (Page 4 of 6)

SUBSTITUTE SHEET

DISCHARGE PLANNING

Name: Jane

Page 5

DISCHARGE INSTRUCTIONS

Diet: (Check only if NOT on a regular diet)

- | | | |
|--|--|---|
| <input type="checkbox"/> 2gm Na | <input type="checkbox"/> Low cholesterol | <input type="checkbox"/> High fiber |
| <input type="checkbox"/> Clear liquid | <input type="checkbox"/> Hypoglycemia diet | <input type="checkbox"/> Puree diet |
| <input type="checkbox"/> Full liquid | <input type="checkbox"/> Bland diet | <input type="checkbox"/> Low triglyceride |
| <input type="checkbox"/> Low purine | <input type="checkbox"/> Low residue | |
| <input type="checkbox"/> ADA, _____ cal. | <input type="checkbox"/> Reducing diet, _____ cal. | |
| Other: _____ | | |

Activity: (Check only if ANY limitations)

- | | | |
|---|---|--|
| <input type="checkbox"/> Comp. bed rest | <input type="checkbox"/> Ambulate indoors | <input type="checkbox"/> Ambulate outdoors |
| <input type="checkbox"/> No bending | <input type="checkbox"/> No lifting | <input type="checkbox"/> No stretching |
| <input type="checkbox"/> No reaching | | |
| Other: _____ | | |

Discharge Medications:

Medications	Dosage	Frequency
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

DISPOSITION ☐ Home ☐ Home w/home health ☐ Nursing home
☐ AMA ☐ Rehabilitation inst. ☐ Funeral home

See: Physician

Phone

Date

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Special Instructions to Patient:

Physician's Comments:

DISCHARGE PLANNING

Name: Jane

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____/____/____ Date _____ Physician's Signature
[] Copy of discharge summary to physician

SUBSTITUTE SHEET

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A scheduling and reporting system (26) for hospital patients characterized by means (18 and 24) for entering location data regarding each patient and physician orders for hospital services to be performed for each patient;
5 means (26) for scheduling the ordered services for each patient and for reporting the schedule information to a common area (12) in the vicinity of each patient's location; means (14 and 24) for recording and reporting the results of the services administered to each patient to
10 said common area (12) in the vicinity of each patient's location; and means (26) responsive to said recorded information for generating a discharge summary report for each patient at the conclusion of the hospitalization of such patient, said discharge summary including a summary of se-
15 lective information recorded.

2. The invention according to claim 1 characterized in that said system (26) further includes means (24) for entering medical data regarding the progress of said patient during the hospitalization.

3. The invention according to claim 2 characterized in that said medical data includes physician notes regarding the progress of each patient.

4. The invention according to claim 2 characterized in that said medical data includes nurses notes regarding the progress of each patient.

5. The invention according to claim 2 characterized in that said medical data includes nurses notes regarding the progress of each patient.

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6. The invention according to claim 1 characterized in that said means (26) for reporting results provides such results in a form usable as a part of a patient's chart.

7. The invention according to claim 1, 2 or 6 characterized in that said means (26) for reporting results further includes printer means at each common area (12).

8. The invention according to claim 7 characterized in that each common area (12) is a nurses station.

5 9. The invention according to claim 1, 2 or 6 characterized in that said system (26) includes a central computer system (26) and said means for entering and means for reporting include terminals (24) of said computer system (26).

10. The invention according to claim 1, 2, or 6 characterized in that said system (26) further includes storage means for storing data from which a chart for each patient may be reported.

11. The invention according to claim 1, 2 or 6 characterized in that each common area (12) is a nurses station.

12. The invention according to claim 1, 2 or 6 characterized in that said means (26) for generating said discharge summary report includes means for abstracting the recorded results of services performed.

13. A method of scheduling patient services and recording patient data for a hospitalized patient characterized by the steps of recording a location for each patient; recording physician orders for services to be performed upon
5 each patient; automatically scheduling the services for each patient; recording the results of the performance of said services; and providing a discharge summary record for each patient, including a summary of selective recorded results.

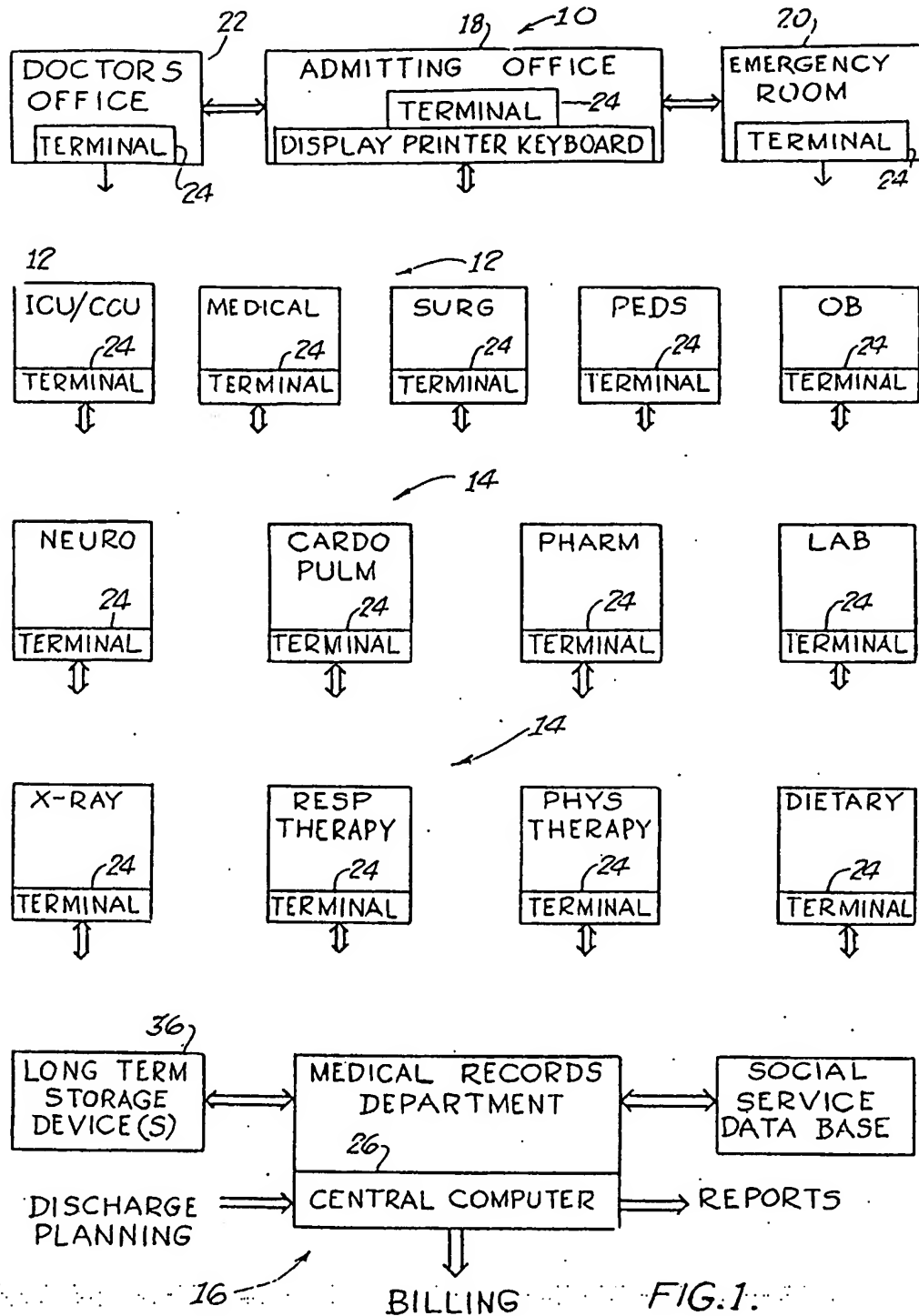
14. The method according to claim 13 characterized in that said discharge record includes an abstraction of said results of services performed.

15. The method according to claim 13 or 14 characterized in that said method further includes the steps of recording patient data relating to the progress of each patient during the hospitalization and providing records at a
5 common area in the vicinity of the location of each for inclusion with the chart of each patient.

16. The method according to claim 13 or 14 characterized in that said method further includes the step of recording physician orders includes prioritizing the services ordered; and in that said step of scheduling includes re-
5 scheduling in response to higher priorities for use of the services.

17. The invention according to claim 13 or 14 characterized in that said method further includes the steps of selectively storing the information recorded to permit recreation of a patient chart for each patient.

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2/3

1 IDENTIFICATION NAME _____ etc _____			
2 CHIEF COMPLAINT _____ _____			
3 PRESENT ILLNESS _____ _____			
4 REVIEW OF SYSTEMS			
GENERAL ³²	SKIN		THROAT
<input type="checkbox"/> WEAKNESS <input type="checkbox"/> FATIGUE <input checked="" type="checkbox"/> FEVER <input checked="" type="checkbox"/> CHILLS <input checked="" type="checkbox"/> NIGHT SWEATS <input type="checkbox"/> FAINTING	<input type="checkbox"/> COLOR CHANGE <input type="checkbox"/> NAIL CHANGE <input type="checkbox"/> HAIR CHANGE <input type="checkbox"/> MOLES <input type="checkbox"/> RASHES <input type="checkbox"/> ITCHING		<input type="checkbox"/> SORENESS <input type="checkbox"/> BAD TONSILS <input type="checkbox"/> HOARSENESS <input type="checkbox"/> PAIN <input type="checkbox"/> TROUBLE SWALLOWING <input type="checkbox"/> RECURRENT INFECTIONS
5 PAST MEDICAL HISTORY			
6 FAMILY HISTORY			
7 SOCIAL HISTORY			

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FIG. 2.

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34	PATIENTS NAME etc.								
<div style="text-align: center; font-weight: bold; margin-bottom: 10px;">GENERAL</div> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <input checked="" type="checkbox"/> WNL AGE <u>50</u> RACE <u>W</u> SEX <u>F</u> </div> <div style="width: 40%;"> <input checked="" type="checkbox"/> ABNORMAL FINDINGS (CIRCLE E F; II IN) </div> <div style="width: 30%;"> <input type="checkbox"/> DEFERRED </div> </div> <div style="margin-top: 5px;"> 1. DEVELOPMENT _____ 2. NOURISHMENT <u>Malnourished</u> 3. STATE OF CONSCIOUSNESS _____ 4. APPEARANCE _____ 5. OTHER _____ </div>									
<div style="text-align: center; font-weight: bold; margin-bottom: 10px;">LYMPH NODES</div> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <input type="checkbox"/> WNL </div> <div style="width: 40%;"> <input type="checkbox"/> ABNORMAL </div> <div style="width: 30%;"> <input type="checkbox"/> DEFERRED </div> </div> <div style="margin-top: 5px;"> 1. FACIAL _____ 2. CERVICAL _____ 3. SUPRACLAVICULAR _____ : : : </div>									
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: left; border-bottom: 1px solid black;">DIAGNOSES</th> <th style="width: 50%; text-align: left; border-bottom: 1px solid black;">RECOMMENDATIONS</th> </tr> </thead> <tbody> <tr> <td>1. _____</td> <td>1. _____</td> </tr> <tr> <td>2. _____</td> <td>2. _____</td> </tr> <tr> <td>3. _____</td> <td>3. _____</td> </tr> </tbody> </table>		DIAGNOSES	RECOMMENDATIONS	1. _____	1. _____	2. _____	2. _____	3. _____	3. _____
DIAGNOSES	RECOMMENDATIONS								
1. _____	1. _____								
2. _____	2. _____								
3. _____	3. _____								
DATE _____	SIGNATURE _____								

30

FIG. 3.